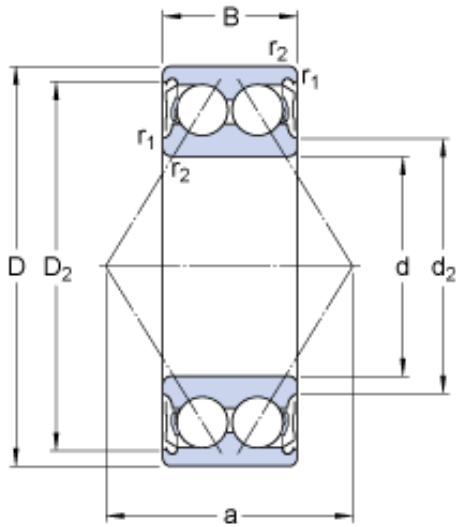




SMOOTH BEARING MFG.CORP.



3209 A-2Z Bearing 2D drawings and 3D CAD models

45 mm x 85 mm x 30.2 mm 45 mm x 85 mm x
30.2 mm 45 mm x 85 mm x 30.2 mm SKF 3209
A-2Z angular contact ball bearings

Bearing No. 3209 A-2Z

Size	85x45x30.2 mm
Bore Diameter	85 mm
Outer Diameter	45 mm
Width	30,2 mm
d	45 mm
D	85 mm
B	30.2 mm
d ₂	52.8 mm
D ₂	77.1 mm
r _{1,2} - min.	1.1 mm
a	46 mm
d _a - min.	52 mm
d _a - max.	52.5 mm
D _a - max.	78 mm
r _a - max.	1 mm
Basic dynamic load rating - C	51 kN
Basic static load rating - C ₀	39 kN
Fatigue load limit - P _u	1.6 kN
Reference speed	7500 r/min
Limiting speed	7500 r/min
Calculation factor - k _r	0.06
Calculation factor - e	0.8
Calculation factor - X	0.63



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Calculation factor - Y_0	0.66
Calculation factor - Y_1	0.78
Calculation factor - Y_2	1.24
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.674
EAN	7316573930655
Product Group	B00152
Enclosure	2 Metal Shields
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	45MM Bore; 85MM Outside Diameter; 30.2MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531



SMOOTH BEARING MFG.CORP.

Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	5209 A-2Z
Weight / LBS	1.35
Outside Diameter	3.346 Inch 85 Millimeter
Width	1.189 Inch 30.2 Millimeter
Bore	1.772 Inch 45 Millimeter
d_2	52.8 mm
D_2	77.1 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	52 mm
d_a max.	52.5 mm
D_a max.	78 mm
r_a max.	1 mm
Basic dynamic load rating C	51 kN
Basic static load rating C_0	39 kN
Fatigue load limit P_u	1.63 kN
Calculation factor k_r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	0.63 kg